

Exhibit 12

ADVANCED CARDIOVASCULAR SYSTEMS

EXTRUSION DATA SHEET

START TIME:

EXTRUSION #: 10-543-1 AMOUNT (FEET): 1000

FINISH TIME:

DATE: 3-11-94 SIGNATURE/DATE *[Signature]* 3-11-94

MATERIALS : MATERIAL DESC.

LOT# :

RM#

PEEK

Victrex 381

RED

None

EXTRUDER 10

PROCESS PERSON TTOMAS

REQUESTOR L WASISECK

PRODUCT SHFT

SA#

SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY) FLUSH

EXPERIMENTAL Y

DIE I.D. .094

OVAL N

ROUND Y

PRODUCTION N

MANDREL O.D. .072

XHEAD Y

STRAIGHT N

SCREW TYPE CR110393-1

SCREEN TYPE 20 60 20

START ID/OD .032/.038

FINISH ID/OD .032/.038

PROCESS PARAMETERS

TEMPERATURE SETPOINTS

SPEEDS & SETPOINTS

PSI & AIR

ZONE 1 565.0 MELT

784

SCREW RPM 5.8

HEAD PSI 2770.0

ZONE 2 670.0 DIE

1

0.0

PSI SET 2121.0

DIE PSI 2014.0

ZONE 3 720.0 DIE

2

0.0

EXTR. AMP 9.4

AIR PSI 1 7.2

CLAMP 700.0 DIE

3

720.0

PUL SPEED 65

2 0.2

INLET 730.0 W/B TEMP

0.0

W/B DIST. .25

3 0.3

G/PUMP 32.0

4 0.4

~~PMP OUT 670.0~~

XHEAD 0.0

MATERIAL DRYING TMP. 280°F DEWPOINT -80 # OF HRS DRYING 48 hrs

ACTUAL PARAMETER COLLECTED EVERY 10 MINUTES

SETPOINT

ACTUAL 1

ACTUAL 2

ACTUAL 3

ACTUAL 4

ACTUAL 5

G/PUMP PSI

PUMP AMP

SCREW RPM

EXTRUDER AMP

PULLER SPEED

BARREL 1

BARREL 2

BARREL 3

HEAD PSI

TUBING O.D.

AVG.DIA.

AVG.STD.DEV.

ADVANCED CARDIOVASCULAR SYSTEMS
EXTRUSION DATA SHEET

START TIME: EXTRUSION #: 10-544-1 AMOUNT (FEET): 600'
FINISH TIME: DATE: SIGNATURE/DATE *[Signature]* 03/11/94

MATERIALS : MATERIAL DESC. LOT# : RM#

PEEK

EXTRUDER 10 PROCESS PERSON TTOMAS
REQUESTOR L WASISECK
PRODUCT SHFT SA#
SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY) FLUSH EXPERIMENTAL Y
DIE I.D. .094 OVAL N ROUND Y PRODUCTION N
MANDREL O.D. .072 XHEAD Y STRAIGHT N
SCREW TYPE *QR110393-1*
SCREEN TYPE 20 60 20
START ID/OD .018/.024
FINISH ID/OD .018/.024

PROCESS PARAMETERS

TEMPERATURE SETPOINTS		SPEEDS & SETPOINTS		PSI & AIR	
ZONE 1	565.0 MELT <i>784</i>	0.0	SCREW RPM 5.8	HEAD PSI	2802.0
ZONE 2	670.0 DIE 1	0.0	PSI SET 1943.0	DIE PSI	2044.0
ZONE 3	720.0 DIE 2	0.0	EXTR. AMP 8.9	AIR PSI 1	1.1
CLAMP	700.0 DIE 3	720.0	PUL SPEED 65	2	0.2
INLET	730.0 W/B TEMP	0.0	W/B DIST. 1INCH	3	0.4
G/PUMP	32.0			4	0.5
PMP OUT	670.0				
XHEAD	0.0				
MATERIAL DRYING TMP. <i>280°F</i> DEWPOINT <i>-80</i> # OF HRS DRYING <i>48 hrs</i>					

ACTUAL PARAMETER COLLECTED EVERY 10 MINUTES

SETPOINT	ACTUAL 1	ACTUAL 2	ACTUAL 3	ACTUAL 4	ACTUAL 5
G/PUMP PSI	2014	2016	1975		
PUMP AMP	0	0	0		
SCREW RPM	6	6	6		
EXTRUDER AMP	9	8	9		
PULLER SPEED					
BARREL 1	2776	2693	2609		
BARREL 2	0	0	0		
BARREL 3	0	0	0		
HEAD PSI	2014	2016	1975		
TUBING O.D.	0.0000	0.0000	0.0000		
AVG.DIA.	0.0000	0.0000	0.0000		
AVG.STD.DEV.	0.0000	0.0000	0.0000		

.065 mandrel is recommended